

Title (en)
COATED STENT

Title (de)
BESCHICHTETER STENT

Title (fr)
ENDOPROTHÈSE REVÊTUE

Publication
EP 3888592 A4 20220907 (EN)

Application
EP 19889519 A 20191122

Priority
• CN 201811425415 A 20181127
• CN 2019120102 W 20191122

Abstract (en)
[origin: EP3888592A1] A coated stent (100,200,300,400), comprises a coated unit (110,210,310,410), and an exposed unit (120,220,320,420) which is a ring-shaped structure and which is provided on the periphery (113,213,313) of an end portion (112,212,312) of the coated unit (110,210,310,410); the exposed unit (120,220,320,420) comprises an inward-tilting wave body (122,222,322,422), the inward-tilting wave body (122,222,322,422) comprising at least a first wave crest (122a,222a,322a) and a first wave rod (122c) connected to the first wave crest (122a,222a,322a); the position of the first wave crest (122a,222a,322a) is farther away from the coated unit (110,210,310,410) than other positions on the inward-tilting wave body (122,222,322,422); the first wave rod (122c) is planar, and from the first wave crest (122a,222a,322a) to an end of the exposed unit (120,220,320,420) near the coated unit (110,210,310,410), the radial distance from the inward-tilting wave body (122,222,322,422) to the central axis (102,202,302,402) of the coated unit (110,210,310,410) gradually increases. When the coated stent (100,200,300,400) is implanted into an arterial vessel (10), the inward-tilting wave body (122,222,322,422) forms a certain avoidance space due to the tilt to adapt to the curvature of a large curved side (11) of the arterial vessel (10), and prevents the inward-tilting wave body (122,222,322,422) from directly piercing a branch vessel (20).

IPC 8 full level
A61F 2/89 (2013.01); **A61F 2/07** (2013.01)

CPC (source: CN EP US)
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Citation (search report)
• [X] EP 3075352 A1 20161005 - LIFETECH SCIENT SHENZHEN CO [CN]
• [X] CN 108261253 A 20180710 - LIFETECH SCIENT SHENZHEN CO
• [X] CN 206934212 U 20180130 - LIFETECH SCIENT SHENZHEN CO
• See also references of WO 2020108389A1

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